

Table 3. Los Angeles/Grapevine South data at 300 mph (480 kph).

Criteria	0.5g Acceleration
Min. bend radius at 300 mph (483 kph)	2.28 miles (3.67 km)
Section Distance	13.4 miles (21.6 km)
Journey time	167.6 seconds
Tunnel distance	1.0 miles (1.61 km)
No. of 20 ft (6 m) pylons	563
No. of 50 ft (15 m) pylons	80
No. of 100 ft (30 m) Pylons	12
Additional length Required	1.20 miles (1.93 km)